

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-75 (Canceled)

76. (Previously presented) A composition comprising a solid support coupled to a chemical group comprising a cleavable functional group, a tag and a reactive group covalently linked to a sample molecule, wherein said cleavable functional group is covalently coupled to said solid support, said tag is covalently coupled to said cleavable functional group, and said reactive group is covalently coupled to said tag and wherein said cleavable functional group, said tag and said reactive group are positioned relative to each other to allow transfer of said tag to said sample molecule and release of said sample molecule from said solid support upon cleavage of said cleavable functional group.

77. (Original) The composition of claim 76, wherein said sample molecule is selected from the group consisting of a polypeptide, a nucleic acid, a lipid, a second messenger, and a metabolite.

78. (Original) The composition of claim 77, wherein said sample molecule is a polypeptide.

79. (Original) The composition of claim 78, wherein said polypeptide has a modification selected from the group consisting of phosphorylation, glycosylation, ubiquitination, acetylation, palmitylation, prenylation, sulfation, hydroxylation, and myristylation.

80. (Original) The composition of claim 79, wherein said polypeptide is a phosphopolypeptide.

81. (Original) The composition of claim 76, wherein the solid support is a glass bead.

82. (Original) The composition of claim 76, wherein said cleavable functional group is a chemical linker cleavable by light, an acid, a base or an enzyme.